

**AMENDMENTS TO THE ABSTRACT**

Please replace the ABSTRACT with the ABSTRACT appearing on the immediately following page.

**ABSTRACT**

An inner motor is structured to increase the discharge rate of an internal gear pump by making it possible to freely adjust the eccentricity  $e$  between the inner and outer rotors. Each tooth of the inner rotor includes a tooth bottom defined by hypocycloidal curves, an engaging portion to be brought into engagement with the outer rotor and defined by involute curves, and a tooth top defined by a predetermined curve such as a part of a circle or an oval or an epicycloidal curve.